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RFP & Railroad Company

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May 13, 1996

MAY 15 1996

Mr. Jeff Dodd (3HW33)
United States Environmental Protection Agency - Region III
Removal Enforcement Section
303 Methodist Building
11th and Chapline Streets
Wheeling, West Virginia 26003

**WESTERN RESPONSE
SECTION**

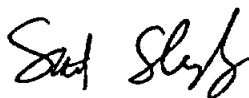
RE: Potomac Yard Site, Monthly Progress Report No. 48 - EPA Docket No. III-92-61-DC

Dear Mr. Dodd:

Enclosed please find the Monthly Progress Report No. 48 for the above-referenced project. Richmond, Fredericksburg, and Potomac Railroad Company is submitting this report as required in Section 8.7 of the Administrative Order by Consent (AOC).

This progress report covers a month period beginning on Monday, April 1, 1996 and ending on Tuesday, April 30, 1996. If you have any questions concerning this report or any aspect of the project, please contact me at your earliest convenience.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Scott A. Slagley
Project Coordinator

Enclosure

cc: C. Martin, Esq.
C. Moses, ETRS
W. Skrabak
T. Golojuch

C. Sale
J. Becker Kelsch
H. Light
K. Endy
K. Brinker

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MAY 15 1996

**WESTERN REGION
SECTION**

Progress Report No. 48

Prepared for:
Richmond, Fredericksburg, and Potomac
Railroad Company

Site:
Potomac Yard

Prepared by:
EARTH TECH Remediation Services
2229 Tomlynn Street
Richmond, Virginia 23230

May 13, 1996

ETRS Job No. 1725-001-05
EPA Docket No. III-92-61-DC

AR108183

WORK COMPLETED

Meetings

On April 23, 1996, RF&P discussed EPA's comments on the Revised Engineering/Cost Analysis in a telephone conference with EPA.

On April 24, 1996, RF&P discussed EPA's comments on the Work Plan for the Offsite Ecological Risk Assessment in a telephone conference with EPA.

Free Product Recovery

Both free product recovery pumps were not operational during the month of April, 1996. Both the pumps and their control boxes were removed from the site on April 4, 1996 and sent to the manufacturer for repairs. RF&P continued to remove free product by hand bailing.

Attached is the monthly Free Product Recovery Report, which details the amount of product recovered by hand bailing.

Site Maintenance

Routine maintenance was conducted at the site.

DATA ANTICIPATED AND ACTIVITIES SCHEDULED

Site Maintenance

Routine maintenance checks will be made during scheduled field activities.

Engineering Evaluation/Cost Analysis (EE/CA)

RF&P received comments from EPA concerning the Revised EE/CA on April 17, 1996. RF&P plans to submit the Final EE/CA in early May, 1996.

Work Plan for Off-Site Ecological Risk Assessment

The April 24, 1996 conference call during which EPA comments were discussed, did not resolve all issues related to the Work Plan. RF&P is awaiting EPA responses before revising the Work Plan.

Meetings

If necessary, RF&P will schedule a meeting with EPA in May, 1996 to discuss the Offsite Ecological Risk Assessment Work Plan.

PROBLEMS ENCOUNTERED OR ANTICIPATED

AR108184

Both free product recovery pumps were returned to the manufacturer for repairs. Their return is expected the first week of May, 1996.

PREVENTATIVE OR MITIGATIVE ACTIONS

EARTH TECH removed free product by hand bailing.

MODIFICATIONS MADE IN ACCORDANCE WITH CONSENT ORDER SECTION XVII

None.

AR108185

May 4, 1996

Mr. Jay Green
Commonwealth of Virginia
Department of Environmental Quality - Water Division
Northern Regional Office
1519 Davis Ford Road
Woodbridge, Virginia 22192

Subject: PC No. 91-1668
Free Product Removal Report
Potomac Yard, Alexandria, Virginia
ETRS Job No. 1725-006-02

Dear Mr. Green:

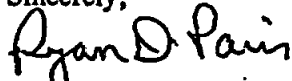
Enclosed is the Free Product Removal Report prepared by EARTH TECH Remediation Services, formerly Environmental Technology of North America, Inc., for the subject site as required by Part V, Section 6.5 of Virginia Regulation (VR) 680-13-02. Beginning in October of 1995, monitoring wells are now gauged on a monthly basis with an electronic interface probe to determine product thickness. Gauging and bailing normally occurs during the first week of the month.

This month a total of 14.0 gallons of free product were recovered from hand bailing. No product was recovered via the recovery pumps during April because both pumps were sent to the manufacturer for repair and were returned to the site on May 3, 1996.

To date, a total of approximately 2929.23 gallons of free product have been recovered from 16 wells. The total shown above is greater than the total shown on the attached spreadsheet because it also includes 0.83 gallons recovered from well MW-15 before it was accidentally destroyed, and the 275 gallons removed during the initial free product recovery test. The free product has consisted of diesel fuel in varying degrees of degradation.

If you have any questions, or require further assistance, please contact me at (804) 358-5400.

Sincerely,



Ryan D. Paris
Environmental Technician

RDP/emf

ed:mbe

Enclosure

cc: Scott Slagley, RF&P
Jeff Dodd, EPA

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PC No. 91-1668

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Free Product Removal Report

Potomac Yard, Alexandria, Virginia

ETRS Job No. 1725-006-02

For the Period: 4/1/96

Through 5/3/96

Well Number	Date Gauged	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Quantity Water Recovered (gallons)	Quantity Water Recovered to Date (gallons)	Quantity Product Recovered (gallons)	Quantity Product Recovered to Date (gallons)
FPP-1	4/25/96	5.11	5.13	0.02		0.00		7.47
FPP-2	4/25/96	8.84	15.21	6.37		0.00	5.00	46.98
FPP-3	5/3/96	10.97	12.00	1.03		0.00		1.85
GW-51	4/25/96	4.62	4.62	0.00		0.00		0.00
GW-64	4/25/96	12.18	12.18	0.00		0.00		0.00
MW-07R	4/25/96	9.78	9.78	0.00		0.00		0.00
MW-08	4/25/96	6.97	8.02	1.05		71.63	2.00	86.34
MW-09	4/25/96	7.70	12.72	5.02		6,561.87	5.00	263.16
MW-10R	4/25/96	18.83	18.83	0.00		0.00		0.00
MW-11	4/25/96	2.50	2.66	0.16		66.81		27.44
MW-12	4/25/96	9.88	9.88	0.00		0.00		0.00
MW-14	4/25/96	6.49	8.95	2.46		60.72	2.00	34.60
MW-16	4/25/96	7.41	7.41	0.00		0.00		0.00
MW-18	4/25/96	7.46	7.46	0.00		3.15		0.00
MW-23	4/25/96	13.74	13.74	0.00		0.00		0.00
MW-25	4/25/96	15.25	15.25	0.00		52.10		69.99
MW-27	4/25/96	12.07	12.36	0.29		2.60		1.65
MW-31	5/3/96	18.13	18.13	0.00		0.00		0.00
MW-33	4/25/96	13.48	13.48	0.00		0.00		0.00
MW-34	4/25/96	11.89	12.29	0.40		5.35		3.23
MW-36	4/25/96	11.14	11.14	0.00		0.00		0.00
MW-44	4/25/96	4.13	4.13	0.00		0.00		0.00
MW-68	4/25/96	10.18	10.18	0.00		0.00		0.00
MW-69	4/25/96	9.75	9.75	0.00		0.00		0.00
MW-70	4/25/96	16.39	16.39	0.00		0.00		0.00
TW-01	4/25/96	13.57	13.57	0.00		0.00		0.00
TW-02	4/25/96	12.86	12.86	0.00		0.00		0.00
TW-03	4/25/96	8.03	8.03	0.00		0.00		0.00

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PC No. 91-1668

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Free Product Removal Report

Potomac Yard, Alexandria, Virginia

ETRS Job No. 1725-006-02

For the Period: 4/1/96

Through 5/3/96

Well Number	Date Gauged	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Quantity Water Recovered (gallons)	Quantity Water Recovered to Date (gallons)	Quantity Product Recovered (gallons)	Quantity Product Recovered to Date (gallons)
TW-04	4/25/96	10.85	11.45	0.60		2,970.00		191.76
TW-05	4/25/96	8.14	8.66	0.52		3,840.00		181.80
TW-06	4/25/96	9.41	9.62	0.21		0.00		158.15
TW-07	4/25/96	7.40	7.91	0.51		0.00		1,051.62
TW-08	4/25/96	9.84	9.84	0.00		0.00		0.00
TW-09R	4/25/96	9.06	10.22	1.16		0.00		265.72
TW-10	4/25/96	11.29	11.37	0.08		0.00		0.00
TW-11	4/25/96	12.38	12.38	0.00		0.00		0.00
TW-12	4/25/96	9.70	9.72	0.02		0.00		0.00
TW-13	4/25/96	8.29	8.84	0.55		0.00		261.64
TW-14	4/25/96	8.84	8.84	0.00		0.00		0.00

REPORT TOTALS:

13,634.23

14.00

2,653.40

Prepared by EARTH TECH Remediation Services

5/3/96 3:07:58 P

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